

Docket No. 196726US0



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Olivier DE LACHARRIERE, et al.

SERIAL NO: 09/686,997

GAU: 1617

FILED: October 12, 2000

EXAMINER: Shengjun Wang

FOR: USE OF DHEA OR PRECURSORS OR METABOLIC DERIVATIVES THEREOF AS A DEPIGMENTING AGENT

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- The applicant(s) wish to make of record the references listed on the attached European Search Report and form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Richard L. Treanor  
Registration No. 36,379

Jeffrey B. McIntyre  
Registration No. 36,867

08/25/2005 SZEWDIE1 00000100 09686997

01 FC:1806

180.00 OP

Customer Number

22850

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 05/03)

Docket No. 196726US0



AUG 24 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Olivier DE LACHARRIERE, et al.

SERIAL NO: 09/686,997

GAU: 1617

FILED: October 12, 2000

EXAMINER: Shengjun Wang

FOR: USE OF DHEA OR PRECURSORS OR METABOLIC DERIVATIVES THEREOF AS A DEPIGMENTING AGENT

RECEIVED  
AUG 29 2005  
TECH CENTER 1600/2900

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- The applicant(s) wish to make of record the references listed on the attached European Search Report and form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Richard L. Treanor  
Registration No. 36,379

Jeffrey B. McIntyre  
Registration No. 36,867

Customer Number

22850

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 05/03)



Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 196726US0	SERIAL NO. 09/686,997		
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT Olivier DE LACHARRIERE, et al.					
		FILING DATE October 12, 2000		GROUP 1617			
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	4,542,129	09/17/85	Orentreich, Norman			
	AB	5,824,671	10/20/98	Labrie, Fernand			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
	AO	JP 60 161912	08/23/85	Japan (English Abstract Provided)	YES	NO	X
	AP	JP 07 196467	08/01/95	Japan (English Abstract Provided)			X
	AQ	EP 0 723 775	07/31/96	EPO (English Abstract Provided)			X
	AR	WO 97 10255	03/20/97	WIPO	X		
	AS	FR 2 760 362	09/11/98	France (English Abstract Provided)			X
	AT	FR 2 777 181	10/15/99	France (English Abstract Provided)			X
	AU						
	AV						
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AW	Patent Abstracts of Japan, vol. 1995, no. 11, December 26, 1995, JP07196467					
	AX	Patent Abstracts of Japan, vol. 009, no. 331, December 25, 1985, JP60161912					
	AY	Chemical Abstracts, vol. 123, no. 7, August 14, 1995, Columbus, OH, Abstract No. 75142q, Shinichi Kawai, et al.: "Dehydroepiandrosterone Inhibits B16 Mouse Melanoma Cell Growth By Induction or Differentiation" XP002141517					
	AZ	Anticancer Research, vol. 15, no. 2, 1995, "Dehydroepiandrosterone Inhibits B16 Mouse Melanoma Cell Growth By Induction or Differentiation" pages 427-432		<input type="checkbox"/> Additional References sheet(s) attached			
Examiner				Date Considered			

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED  
AUG 29 2005  
TECH CENTER 1600/2900



SHEET 2 OF

RECEIVED  
TECH CENTER 1600  
AUG 29 2005  
1600/2800

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 196726US0	SERIAL NO. 09/686,997		
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT Olivier DE LACHARRIERE, et al.					
		FILING DATE October 12, 2000		GROUP 1617			
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
	AO				YES	NO	
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AW	E.E., Baulieu, et al.: "Dehydroepiandrosterone (DHEA), DHEA Sulfate and Aging: Contribution of the DHEAge Study to a Sociobiomedical Issue" Proceedings of the National Academy of Sciences of USA, vol. 97, no. 8, April 11, 2000, pages 4279-4284, XP002141516					
	AX	National Academy of Science, U.S., ISSN: 0027-8424, "Life In A Ligand Sphere", pages 4283-4287, May 1994					
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner				Date Considered			

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Office européen  
des brevets

RAPPORT DE RECHERCHE EUROPEENNE

Numéro de la demande  
EP 00 11 8605

DOCUMENTS CONSIDERES COMME PERTINENTS			
Catégorie	Citation du document avec indication, en cas de besoin, des parties pertinentes	Revendication concernée	CLASSEMENT DE LA DEMANDE (Int.Cl.7)
X	WO 97 10255 A (ESTEE LAUDER INC) 20 mars 1997 (1997-03-20) * revendications 1,13 * ---	1,2	A61K7/48 A61P17/12
D,A	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 11, 26 décembre 1995 (1995-12-26) & JP 07 196467 A (KANEBO LTD), 1 août 1995 (1995-08-01) * abrégé * ---	1,2	
A	FR 2 760 362 A (VITASTEROL) 11 septembre 1998 (1998-09-11) * revendication 1 * ---	1	
A	PATENT ABSTRACTS OF JAPAN vol. 009, no. 331 (C-321), 25 décembre 1985 (1985-12-25) & JP 60 161912 A (KANEBO KK), 23 août 1985 (1985-08-23) * abrégé * ---	1,2	
D,A	EP 0 723 775 A (L'OREAL) 31 juillet 1996 (1996-07-31) * revendication 1 * ---	1,2	A61K A61P
A	CHEMICAL ABSTRACTS, vol. 123, no. 7, 14 août 1995 (1995-08-14) Columbus, Ohio, US; abstract no. 75142q, SHINICHI KAWAI ET AL: "Dehydroepiandrosterone inhibits B16 mouse melanoma cell growth by induction or differentiation" XP002141517 * abrégé * & ANTICANCER RESEARCH, vol. 15, no. 2, 1995, pages 427-431, ---	1	
		-/-	
4	Le présent rapport a été établi pour toutes les revendications		
EPO FORM 1503.03.82 (P04002)	Lieu de la recherche	Date d'achèvement de la recherche	Examinateur
	LA HAYE	12 juin 2001	Voyiazoglou, D
CATEGORIE DES DOCUMENTS CITES			
X : particulièrement pertinent à lui seul Y : particulièrement pertinent en combinaison avec un autre document de la même catégorie A : arrière-plan technologique O : divulgation non-écrite P : document intercalaire			
T : théorie ou principe à la base de l'invention E : document de brevet antérieur, mais publié à la date de dépôt ou après cette date D : cité dans la demande L : cité pour d'autres raisons & : membre de la même famille, document correspondant			



Office européen  
des brevets

RAPPORT DE RECHERCHE EUROPEENNE

Numéro de la demande  
EP 00 11 8605

DOCUMENTS CONSIDERES COMME PERTINENTS			CLASSEMENT DE LA DEMANDE (Int.Cl.7)
Catégorie	Citation du document avec indication, en cas de besoin, des parties pertinentes	Revendication concernée	
D,A	US 4 542 129 A (ORENTREICH NORMAN) 17 septembre 1985 (1985-09-17) * revendication 1 * ----	1,2	
D,A	US 5 824 671 A (LABRIE FERNAND) 20 octobre 1998 (1998-10-20) * revendication 1 * ----	1	
P,A	FR 2 777 181 A (LVMH RECH) 15 octobre 1999 (1999-10-15) * revendications 1,11; exemple 4 * ----	1	
P,X	E.-E. BAULIEU ET AL: "Dehydroepiandrosterone (DHEA), DHEA sulfate and aging: Contribution of the DHEAge study to a sociobiomedical issue" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA., vol. 97, no. 8, 11 avril 2000 (2000-04-11), pages 4279-4284, XP002141516 NATIONAL ACADEMY OF SCIENCE. WASHINGTON., US ISSN: 0027-8424 * page 4283, colonne de gauche, ligne 33 - ligne 44 * ----	1,2	
			DOMAINES TECHNIQUES RECHERCHES (Int.Cl.7)
Le présent rapport a été établi pour toutes les revendications			
4	Lieu de la recherche	Date d'achèvement de la recherche	Examinateur
	LA HAYE	12 juin 2001	Voyiazoglou, D
CATEGORIE DES DOCUMENTS CITES		T : théorie ou principe à la base de l'invention E : document de brevet antérieur, mais publié à la date de dépôt ou après cette date D : cité dans la demande L : cité pour d'autres raisons & : membre de la même famille, document correspondant	
X : particulièrement pertinent à lui seul Y : particulièrement pertinent en combinaison avec un autre document de la même catégorie A : arrête-plan technologique O : divulgation non-écrite P : document intercalaire			

ANNEXE AU RAPPORT DE RECHERCHE EUROPEENNE  
RELATIF A LA DEMANDE DE BREVET EUROPEEN NO.

EP 00 11 8605

La présente annexe indique les membres de la famille de brevets relatifs aux documents brevets cités dans le rapport de recherche européenne visé ci-dessus.

Lesdits membres sont contenus au fichier informatique de l'Office européen des brevets à la date du  
Les renseignements fournis sont donnés à titre indicatif et n'engagent pas la responsabilité de l'Office européen des brevets.

12-06-2001

Document brevet cité au rapport de recherche		Date de publication	Membre(s) de la famille de brevet(s)	Date de publication
WO 9710255	A	20-03-1997	US 5736537 A AT 195527 T AU 712977 B AU 6966996 A DE 69609868 D DE 69609868 T EP 0876391 A ES 2151180 T US 6025347 A	07-04-1998 15-09-2000 18-11-1999 01-04-1997 21-09-2000 15-03-2001 11-11-1998 16-12-2000 15-02-2000
JP 07196467	A	01-08-1995	AUCUN	
FR 2760362	A	11-09-1998	AU 6840298 A EP 0973524 A WO 9840074 A	29-09-1998 26-01-2000 17-09-1998
JP 60161912	A	23-08-1985	JP 1403597 C JP 62009577 B	09-10-1987 28-02-1987
EP 723775	A	31-07-1996	FR 2729854 A DE 69600115 D DE 69600115 T ES 2113219 T JP 8231342 A JP 2000001415 A US 5989568 A US 5900242 A	02-08-1996 22-01-1998 02-04-1998 16-04-1998 10-09-1996 07-01-2000 23-11-1999 04-05-1999
US 4542129	A	17-09-1985	US 4496556 A AU 580028 B AU 3812785 A EP 0189738 A	29-01-1985 22-12-1988 07-08-1986 06-08-1986
US 5824671	A	20-10-1998	AU 686120 B AU 5388494 A AU 5855794 A CA 2154161 A WO 9416709 A CN 1116823 A CZ 9501565 A EP 0680327 A FI 953017 A HU 73241 A JP 8505629 T NO 952417 A NO 20003545 A	05-02-1998 28-07-1994 15-08-1994 04-08-1994 04-08-1994 14-02-1996 13-12-1995 08-11-1995 19-06-1995 29-07-1996 18-06-1996 16-06-1995 16-06-1995

EPO FORM P0460

Pour tout renseignement concernant cette annexe : voir Journal Officiel de l'Office européen des brevets, No.12/82

**ANNEXE AU RAPPORT DE RECHERCHE EUROPEENNE  
RELATIF A LA DEMANDE DE BREVET EUROPEEN NO.**

EP 00 11 8605

La présente annexe indique les membres de la famille de brevets relatifs aux documents brevets cités dans le rapport de recherche européenne visé ci-dessus.

Lesdits membres sont contenus au fichier informatique de l'Office européen des brevets à la date du  
Les renseignements fournis sont donnés à titre indicatif et n'engagent pas la responsabilité de l'Office européen des brevets.

12-06-2001

Document brevet cité au rapport de recherche	Date de publication	Membre(s) de la famille de brevet(s)	Date de publication
US 5824671 A		NO 20003546 A NO 20003547 A NO 20003549 A NZ 250712 A SK 77995 A US 5776923 A US 5843932 A US 5798347 A US 5854229 A US 5728688 A US 5872114 A US 5837700 A US 5948434 A US 5922700 A US 5780460 A US 5807849 A US 5955455 A ZA 9400372 A	16-06-1995 16-06-1995 16-06-1995 26-11-1996 09-04-1997 07-07-1998 01-12-1998 25-08-1998 29-12-1998 17-03-1998 16-02-1999 17-11-1998 07-09-1999 13-07-1999 14-07-1998 15-09-1998 21-09-1999 19-07-1995
FR 2777181 A	15-10-1999	AUCUN	

EPO FORM P0480

Pour tout renseignement concernant cette annexe : voir Journal Officiel de l'Office européen des brevets, No.12/82